

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

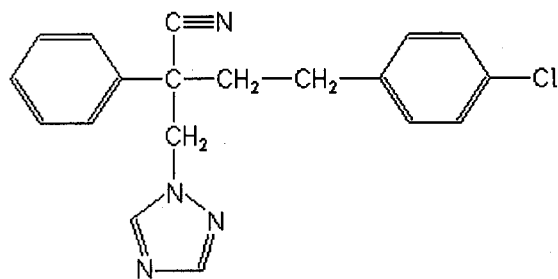
### Analyte: Fenbuconazole

CAS No.: 114369-43-6

Formula: C<sub>19</sub>H<sub>17</sub>ClN<sub>4</sub>

Molecular mass (lowest isotopes): 336,11 amu

Structure:



Ionisation: ESI +

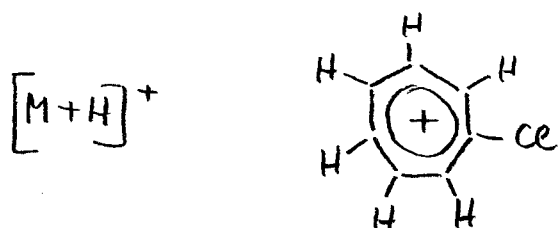
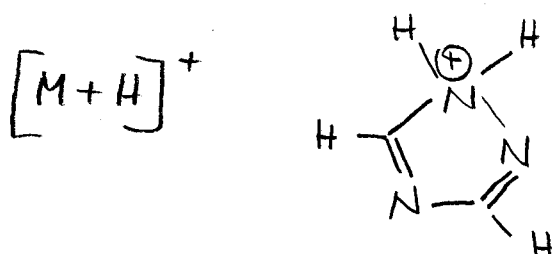
Quasimolecular ion: 337,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	337,1 → 125,1	337,1 → 70,0
Declustering potential (DP) <sup>*)</sup>	41 V	41 V
Focusing potential (FP)	300 V	250 V
Entrance potential (EP)	11,5 V	10,5 V
Collision cell entrance potential (CEP)	18 V	24 V
Collision energy (CE)	37 V	33 V
Collision cell exit potential (CXP)	6 V	4 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation

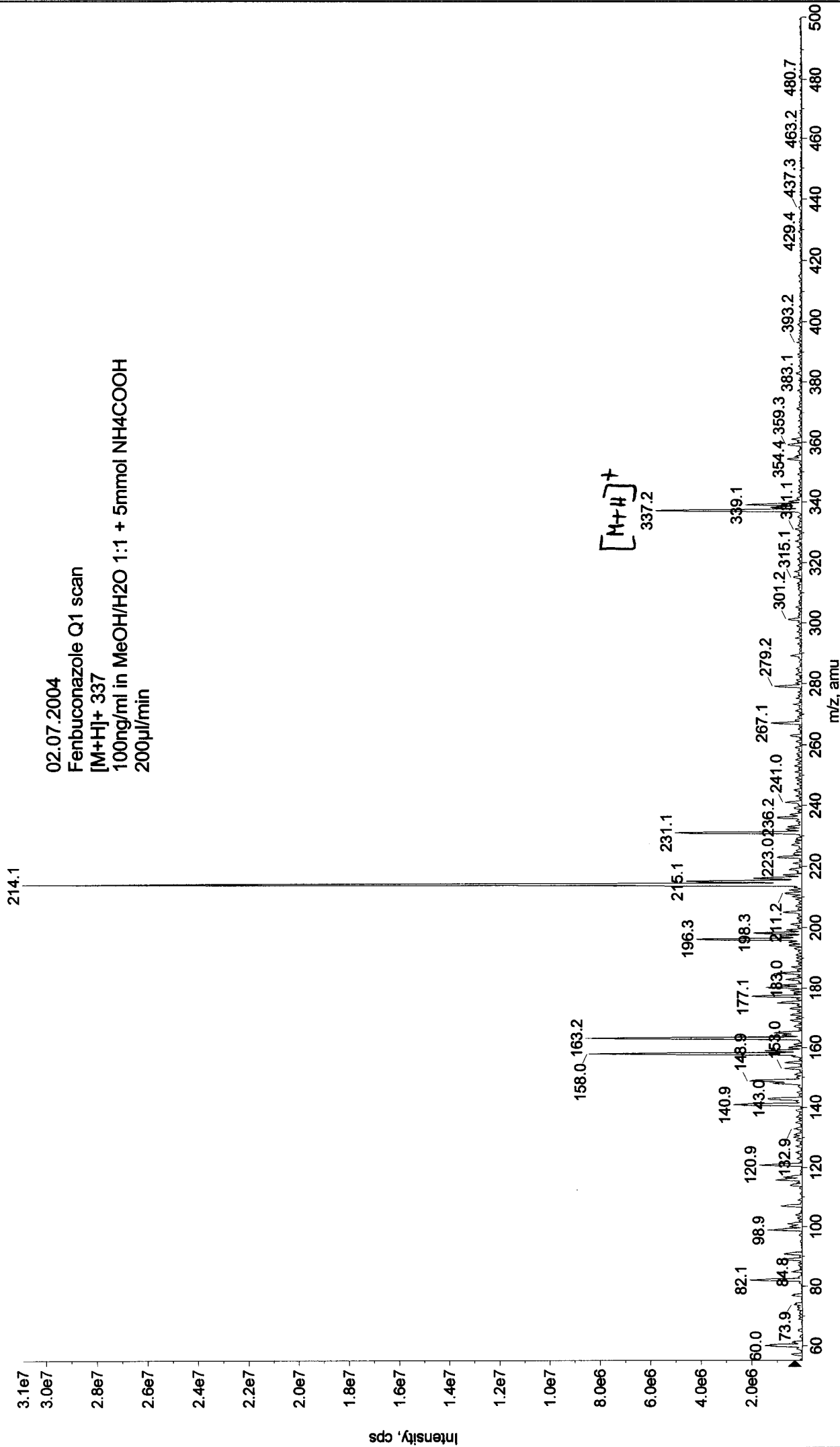
 $m/z$  125 $m/z$  70

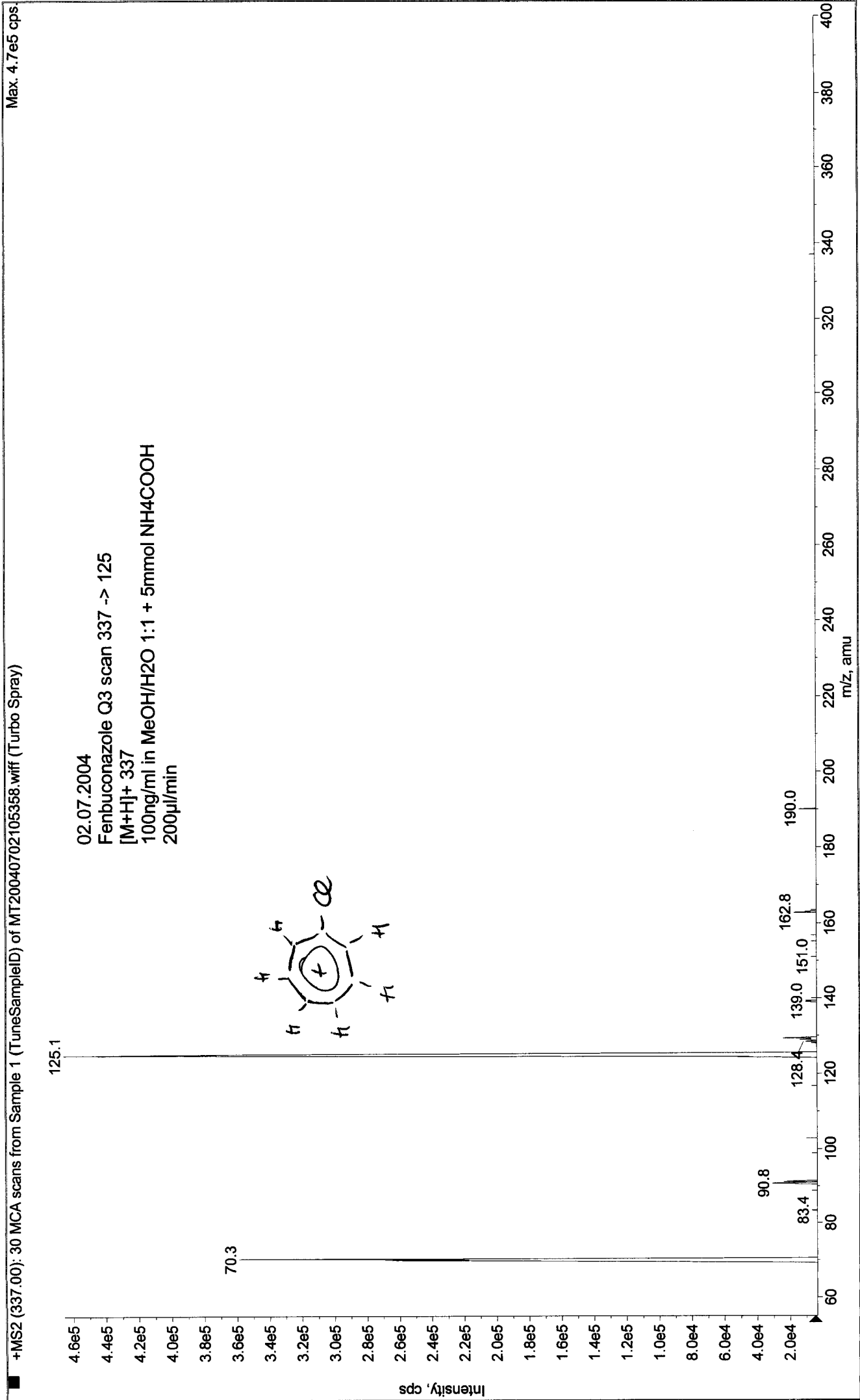
Printing Time: 10:52:51  
Printing Date: Friday, July 02, 2004

Acq Time: 10:50  
Acq Date: Friday, July 02, 2004  
Acq File: MT20040702105015.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040702105015.wiff (Turbo Spray) Max. 3.1e7 cps.





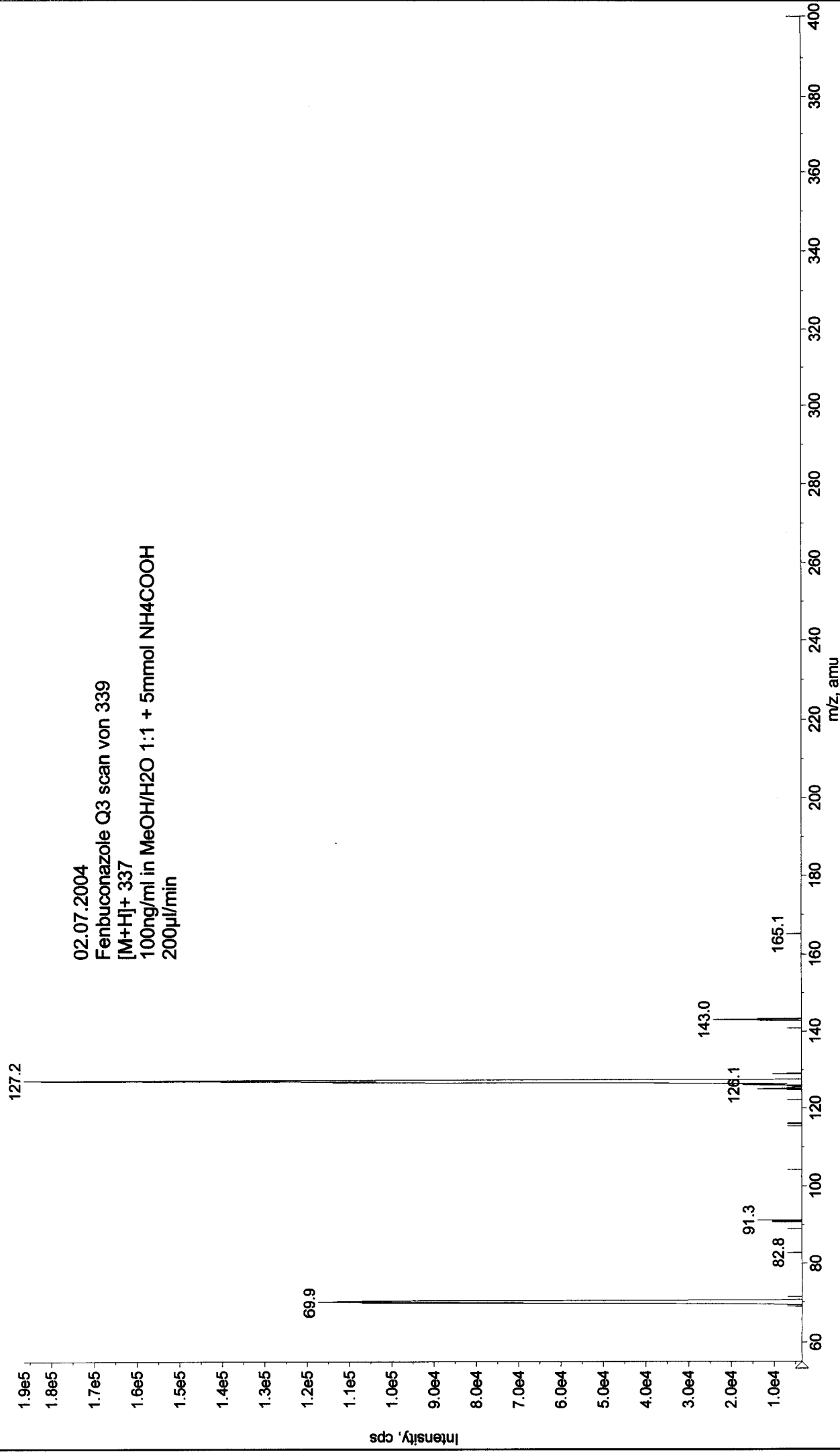
Printing Time: 10:56:20  
Printing Date: Friday, July 02, 2004

Acq. Time: 10:55  
Acq. Date: Friday, July 02, 2004  
Acq. File: MT20040702105523.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

Max. 1.9e5 cps

■ +MS2 (339.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040702105523.wiff (Turbo Spray)



Printing Time: 11:05:20  
Printing Date: Friday, July 02, 2004

Acq Time: 11:03  
Acq Date: Friday, July 02, 2004  
Acq File: MT20040702110357.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

Max. 3.4e5 cps

■ +MS2 (337.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040702110357.wiff (Turbo Spray)

